Manual Looky HD Touch Screen

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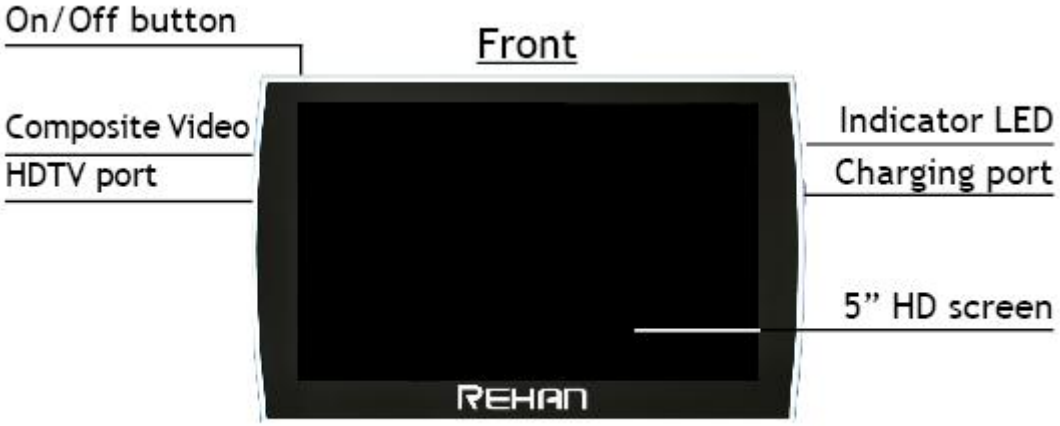
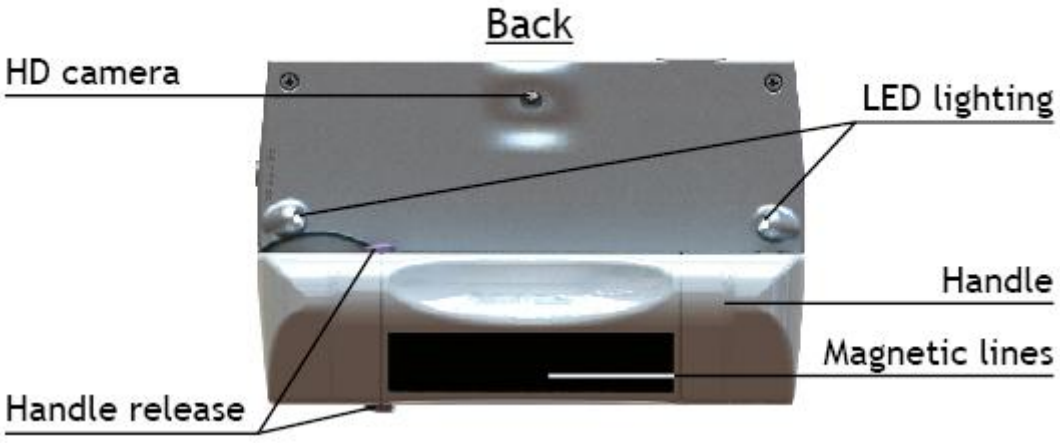
1. Introduction

Congratulations with the purchase of your Looky [HD]! In this manual you will find a detailed description of all the functions of the Looky [HD]. Read this manual carefully before you start using the Looky [HD]. If you still have any questions after reading this manual, please contact your supplier.

2. General description Looky [HD]





3. Intended use

This device is solely used for displaying enlarged representations of text, photographic material and objects. When the Looky [HD] is used for any purpose other than the intended use, the CE regulation will not apply.

Caution: do not, under any circumstances, perform maintenance or repairs on the device; always ask a manufacturer approved technician to do this. Warranty will be voided if the Looky [HD] is attempted to be repaired by anyone other than a technician approved by the manufacturer.

4. Safety and Maintenance

Before use, be sure to comply to with the following safety and maintenance instructions:

- Protect the device and its batteries from moisture, rain, sand or extreme temperatures like radiators or direct sunlight.
- Do not use cleaning products that contain alcohol, methylated spirits, ammonia or abrasives. These can damage the device or its touch screen.
- Only use accessories that the manufacturer supplies you with, or approves of.
- Never throw batteries into a fire. Batteries and chargers that are defect are considered chemical waste. They therefore need to be disposed of at a refuse/recycling centre of your choice.
- Note that the use of a screen protector might influence the functioning of the touch screen.

5. Installing the Looky HD

Connect the battery handle of the Looky HD by sliding it onto the connector until you hear it clicking into place. This battery handle also functions as the Looky HD's handle.

To replace the battery handle push the 2 purple battery release buttons on the side of the battery handle, and slide on the replacement battery handle.

Charge the battery handle completely before using the Looky HD.
Please read the charging instructions carefully.

6. Instructions for charging

Put the adaptor in the wall socket and connect its plug to the charging adaptor port of the Looky HD.

LED burning constantly	batteries are being charged
LED off	batteries are fully charged
LED blinking	error / batteries are defect

Charge the batteries in a well ventilated environment. Remove the Looky HD from its carrying case when charging. Don't place it in direct sunlight or near a radiator whilst charging.

When the battery is empty, the Looky HD will switch itself off. You will hear a high pitched tone that fades away.

7. Battery handle maintenance

- Remove the battery handle from the Looky HD if you do not intend to use it for an extended period of time. This will improve the longevity of the battery handle.
- Batteries are sensitive to overcharging. It is recommended to only charge the battery handle when it is completely drained.
- Chargeable Lithium-Ion batteries have an auto discharge that strongly depends on the temperature of the environment (e.g. never leave the battery handle in a car that is parked in direct sunlight).
- New Lithium-Ion batteries must be charged several times before reaching their nominal capacity.
- Charge Lithium-Ion batteries at least once every 6 months.
- The average lifespan of the battery handle is usually 300 charging cycles, but this depends on the use. Total capacity will slowly decrease after multiple charging cycles.

8. Folding handle

The Looky HD comes with a replaceable foldable handle with a built-in battery. This handle can be used in several positions.
When the handle is extended, you can use the Looky as a magnifier. The closer you get to the object, the bigger the magnification will be. You can also hold the Looky HD up to see distant objects as the Looky HD can focus from 5cm to infinity.
It is also possible to use the Looky HD with the handle folded in. You can easily set the device on the table and it will automatically stand at an angle. The magnification will then be about 8x. This is easier when you want some stability during the reading of texts.

9. Switching the Looky HD on or off

To switch the Looky HD on, press the ON/OFF button once. You will hear a scaled sound increasing in pitch.
To switch the Looky HD off, press the ON/OFF button for 3 seconds. You will hear a scaled sound decreasing in pitch.

When you have the Looky HD switched on, and it doesn't detect any movement on the screen, it will switch itself off after 3 minutes. A two-pitched signal will be heard.

10. Focusing the Looky HD

The Looky HD uses a push-to-focus method to focus the image on the screen. Simply touch the screen on the section where you want the Looky HD to focus; the camera will focus on that area.

11. Far View function

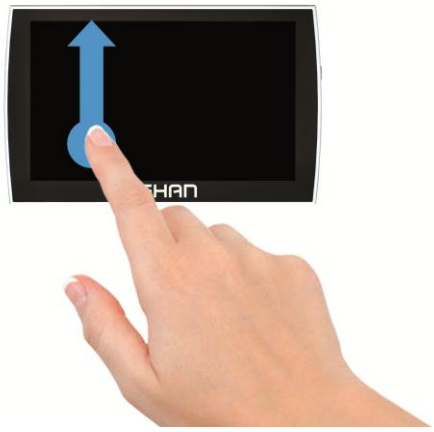
The camera of the Looky [HD] can focus on objects from 5 cm. distance to infinity. Just hold the device up to view the object. Remember to touch the screen in order to focus the camera on the object you are viewing.

12. Switching off the LED

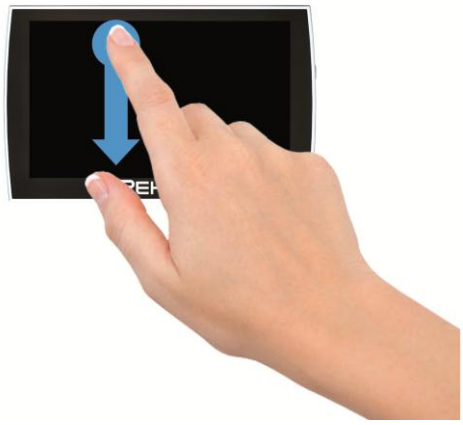
By touching the centre of the screen for 3 seconds you can switch off the LED at the back of the LookyHD. You will hear a beeping sound indicating that the LED is switched off.
Touch the centre of the screen again for 3 seconds to turn the LED back on. Another beeping sound will be heard.

13. Display modes

By swiping from the top to the bottom of the screen, or vice versa you can cycle through multiple colour modes.



Or



14. Zooming

To alter the magnification you slide your finger up/down on the left or right hand side of the touch screen.

Zooming icon

To zoom in slide your finger upwards on the zooming icon, to zoom out, slide downwards on the zooming icon. The magnification range of the Looky HD ranges from 2x to a 20x magnification.

15. Freeze function

By shortly pressing the ON/OFF button you can freeze the image on the Looky HD's display. Press the button again to revert to the regular viewing mode.
When the image is frozen, the lighting will be dimmed to save battery capacity.

When the image is frozen, you can use 2 fingers to pan through the frozen image.
All functions of the Looky HD can still be used while the image is frozen.

16. Magnetic lines

On the bottom side of the handle, there is a magnetic area that can be used with the magnetic sheet.
Slide the sheet underneath the text you want to read. Now place the Looky HD on the text and slide it across the magnetic sheet. The ridges in the magnetic sheet will guide the Looky HD along the lines; making it easier to keep the Looky HD straight while reading.

17. Looky HD menu

When using 3 fingers to swipe from top to bottom or from bottom to top, you can gain access to different menu's of the Looky HD.

17.1 Sound, brightness and reading lines

Swiping from bottom to top with 3 fingers will generate the sound menu, brightness menu and the reading line option in the bottom half of the screen. These settings will be saved when the Looky HD is switched off.

17.1.1 Sound icon

With this icon you can switch the sound on or off.

Sound on

sound off

17.1.2 Brightness icon

With this icon you can set the brightness of the screen. There are 5 different intensity settings.

least brightness ——————————————————— most brightness

17.1.3 Reading lines

By tapping this icon you can generate a horizontal or vertical reading line on the screen.

17.2 Display modes and battery

Swiping from top to bottom with 3 fingers will generate the battery and display mode menu in the top half of the screen.

17.2.1 Battery icon

This icon indicates the remaining battery life. There are 5 different icons to indicate this.

Battery empty ——————————————————— battery full

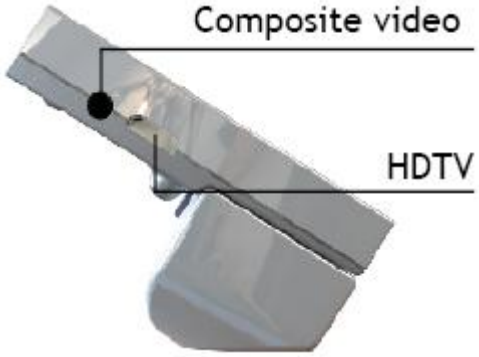
When the battery is charging, the menu will display the charging icon.

When the adaptor is connected, but the battery is not connected, this icon will appear.

17.2.2 Display mode icon

By touching the display mode icon, an overview of all available display modes will appear. You can easily select which display mode you want to use.

18. Picture output



The Looky HD can output the picture to an external display. Do this simply by connecting the appropriate cable to the HDTV port or the Composite Video port.
Be sure to connect the Looky HD to an earthed TV for the best results.

19. Writing with the Looky HD

Fold the handle inwards and place it on the paper you want to sign.

20. Troubleshooting

If the following table does not offer a solution to your problem, please contact your distributor.

	Problem	Solution
1	No picture, dark or blurry image.	Switch the Looky HD on. Image is frozen, shortly press the ON/OFFbutton once. Switch the viewing mode to colour.
2	Looky HD cannot be switched on.	Press the ON/OFF button to switch the Looky HD on. Charge the battery handle. Reinsert or replace the battery handle.
3	Looky HD switches itself off within minutes, sounding a dual-pitched tone.	The Looky HD switches itself off if it does not detect movement on the screen for 3 minutes.
4	Looky HD switches itself off within minutes with a single high pitched tone that fades away.	Charge the battery handle. Replace the battery handle with a new battery handle.

21. Specifications

Main specification

Measurements	131 × 75 × 32 mm (l × w × h)
Weight	300 grams (including battery)

Dislay

TFT diameter	5.0”
Other specifications	High Brightness
	Touch technology

Camera

Minimum magnification	2×
Maximum magnifitation	20×
Focus	5cm - infinity

Power supply

Battery system	Interchangable (inside battery handle)
	Lithium-Ion 4000mAh
Adaptor	5VDC/1.8A

Conditions of use

Temperature	+5°C till +35°C / 50°F till 95°F
Air humidity	<70% (no condensation)

Time of use and charging time

Time of use	Up to 3 hours
Charging time	approx. 5 hours

Package contents

Looky HD
Battery handle (4000mAh)
Charging adapter
Travel pouch
Magnetic sheet
User manual
HDTV cable
SDTV cable
Cleaning cloth

22. Warnings

This icon indicates that users with pacemakers should take care with the magnetic area of the handle on the Looky HD as this might, depending on your pacemaker, interfere with the pacemaker. Please contact your surgeon to inform yourself on the effects of magnets with your pacemaker.

23. Discarding the Looky HD or battery

This symbol of the crossed out wheelie bin indicates that the product must not be disposed of with your other household waste. Check local regulations for proper disposal of electronic products.

24. Warranty regulations

This device is subject to the warranty regulations of your supplier. For futher information regarding these regulations, please contact your supplier.

25. Regulations

Products with CE marking comply with EMC Directive (2004/108/EC), and the Low Voltage Directive (2006/95/EC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following standards:
EMC: EN 55022; EN 55024
FCC: part 15 Class B
Safety: EN 60950